

Claims

1. A machine for filling and sealing two-part capsules (C), in particular hard gelatin capsules, having a capsule delivery device (12), which has receptacles (14A, 14B), each for one capsule (C), and having at least one capsule expulsion station (XI), which includes

- a capsule expulsion device (19) for axially expelling the capsules (C) each out of their respective receptacle (14A, 14B);

- guide flaps (24A, 24B), individually controllable by means of an actuating device (39) and pivotable with respect to a pivot shaft (31), which are each assigned to one capsule receptacle (14A, 14B) and each have two guideways (33A, 34A; 33B, 34B), triggerable by means of the actuating device (39), for the respective associated capsules (C), and

- partitions (36A, 36B), which separate the guideways (33A, 34A; 33B, 34B) of adjacent guide flaps (24A, 24B) from one another,

characterized in that the partitions (36A, 36B) are each an integrated component of a respective guide flap (24A, 24B).

2. The machine in accordance with claim 1, characterized in that the guide flaps (24A, 24B) are supported on a common pivot shaft (31).

3. The machine in accordance with claim 1 or 2, characterized in that the guide flaps (24A, 24B) cooperate with two rows of capsule receptacles (14A, 14B).
4. The machine in accordance with claims 1 through 3, characterized in that adjacent guide flaps (24A, 24B) are separated from one another across a gap, which is preferably defined by a step (37A, 37B) in the bearing region of at least one of the adjacent guide flaps (24A, 24B).
5. The machine in accordance with claims 1 through 4, characterized in that at least one of the guideways (34A, 34B) of each guide flap (24A, 24B) is subjected to suction.
6. The machine in accordance with claims 1 through 5, characterized in that expulsion device (19) includes tappets (21), which are assigned to one capsule receptacle (14A, 14B).
7. The machine in accordance with claims 1 through 6, characterized in that the guide flaps (24A, 24B) are each triggerable by means of a respective pneumatic cylinder.
8. The machine in accordance with claims 1 through 7, characterized in that the actuating device (39) for the guide flaps (24A, 24B) cooperates with at least one inspection station (VII, VIII) for the capsules (C).